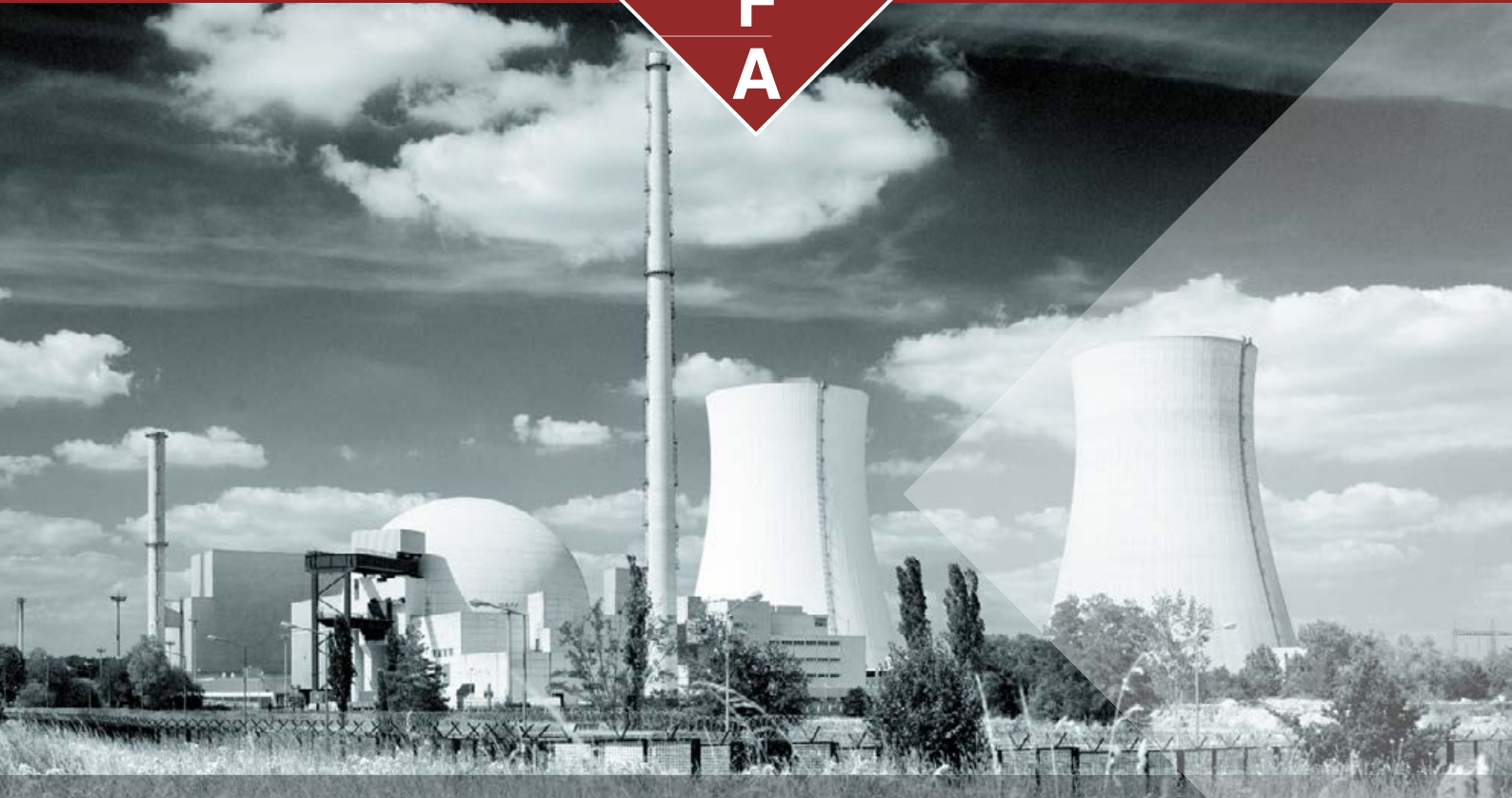




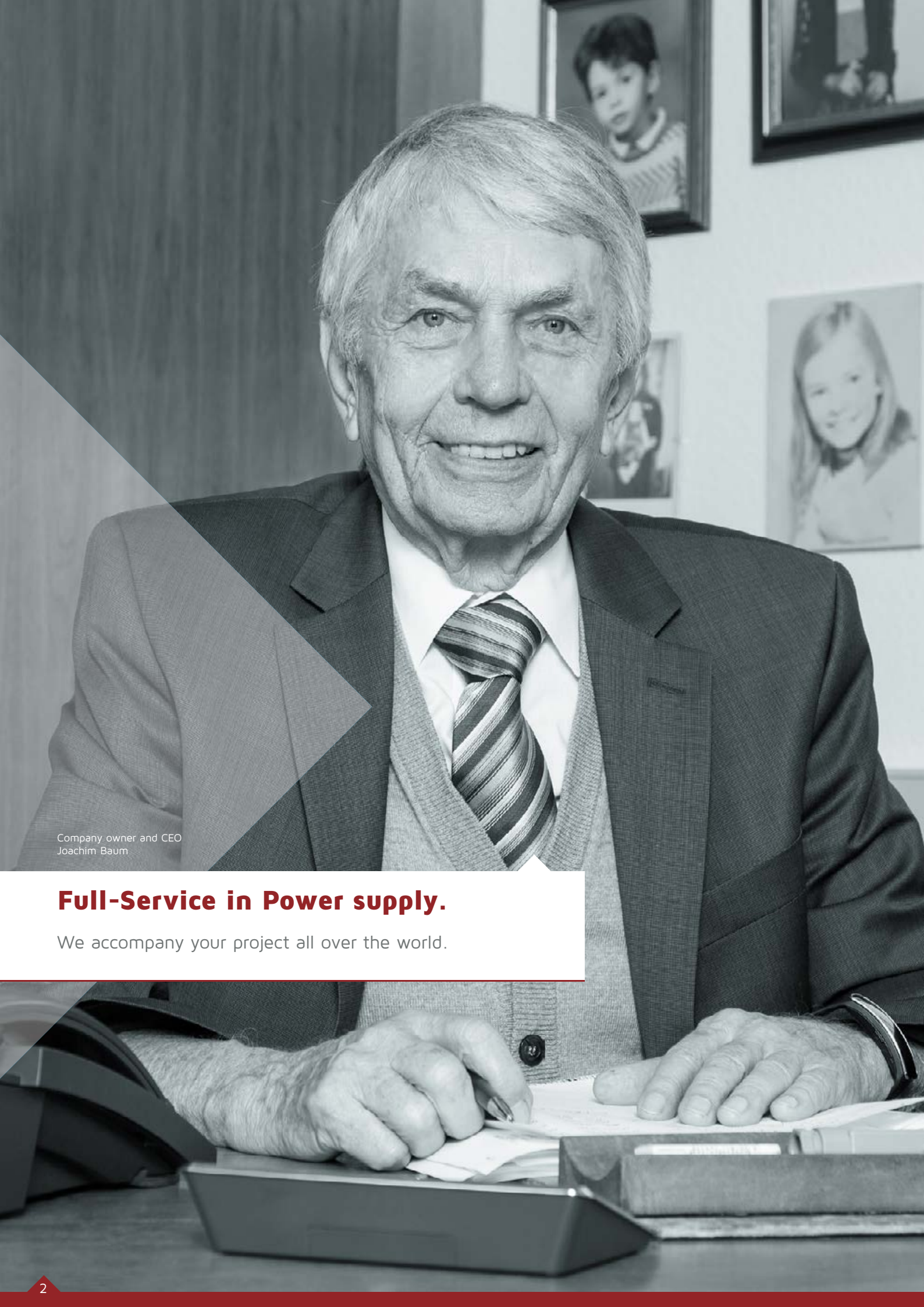
I
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A

Your project is our aspiration.



WITH THE BLOOD OF ONE'S HEART
AND A LOT OF EXPERIENCE.

Measurement, Regulation and Electro Technology



Company owner and CEO
Joachim Baum

Full-Service in Power supply.

We accompany your project all over the world.



In teams we develop targeted application solutions for our clients

IFA Mess-, Regel- und Elektrotechnik GmbH located in Neuenstadt (Baden-Württemberg) was founded in 1969 as an engineers' office for automation. Today IFA is a highly modern service based company with 50 employees. Our main focuses are the construction of measurement, control and electrical facilities as well as switch cabinets, assembly work for electro and process/control technologies in the processing industries. Our highly specialized teams reliably carry out the planning and project realization of industrial automation technology, process visualization, creation of software and databases. The requirements for automation are

solved with in-house developed PLC programs. Our project teams have at their availability many years of experience and work with cutting edge technologies.

Our client portfolio covers nearly all industrial segments:

Automobile industry with their suppliers, food industry, chemical and petrochemical, water and sewage technologies, safety technical facilities for oil and gas pipes, facilities for power plants, for the process technologies as well as data transmission.

OUR PERFORMANCE PROFILE



Experience and expertise.

Top quality from one source.



Electrical

Realization of the complete project management. The installation of the cable runs belongs to the most challenging in a power plant. Many years of experience of a specialist is necessary for this type of work.



Measurement and regulation technologies

The primary measured value acquisition in a power plant is one of the most important components. You connect the process with the I&C. Our company has many years of experience in the fitting of transmitters.



Switch cabinet manufacturing

We manufacture switch cabinets in extra-low, low and medium voltage according to individual requirements modular or conventional on mounting plates i.e. 19 inch technology. Your individual project is our aspiration.



Planning

We realize tailored and comprehensive automating solutions with all our know-how as well as motivation and implement your requirements with the most modern technology and a clear cost structure. More on www.ifa-mre.de



Electro technical tests

According to VDE and BGV A3 are essential and relevant with respect to occupational health and safety. Such tests are carried out thoroughly by the IFA. We also issue professional test protocols and test certificates as proof for the trade association.

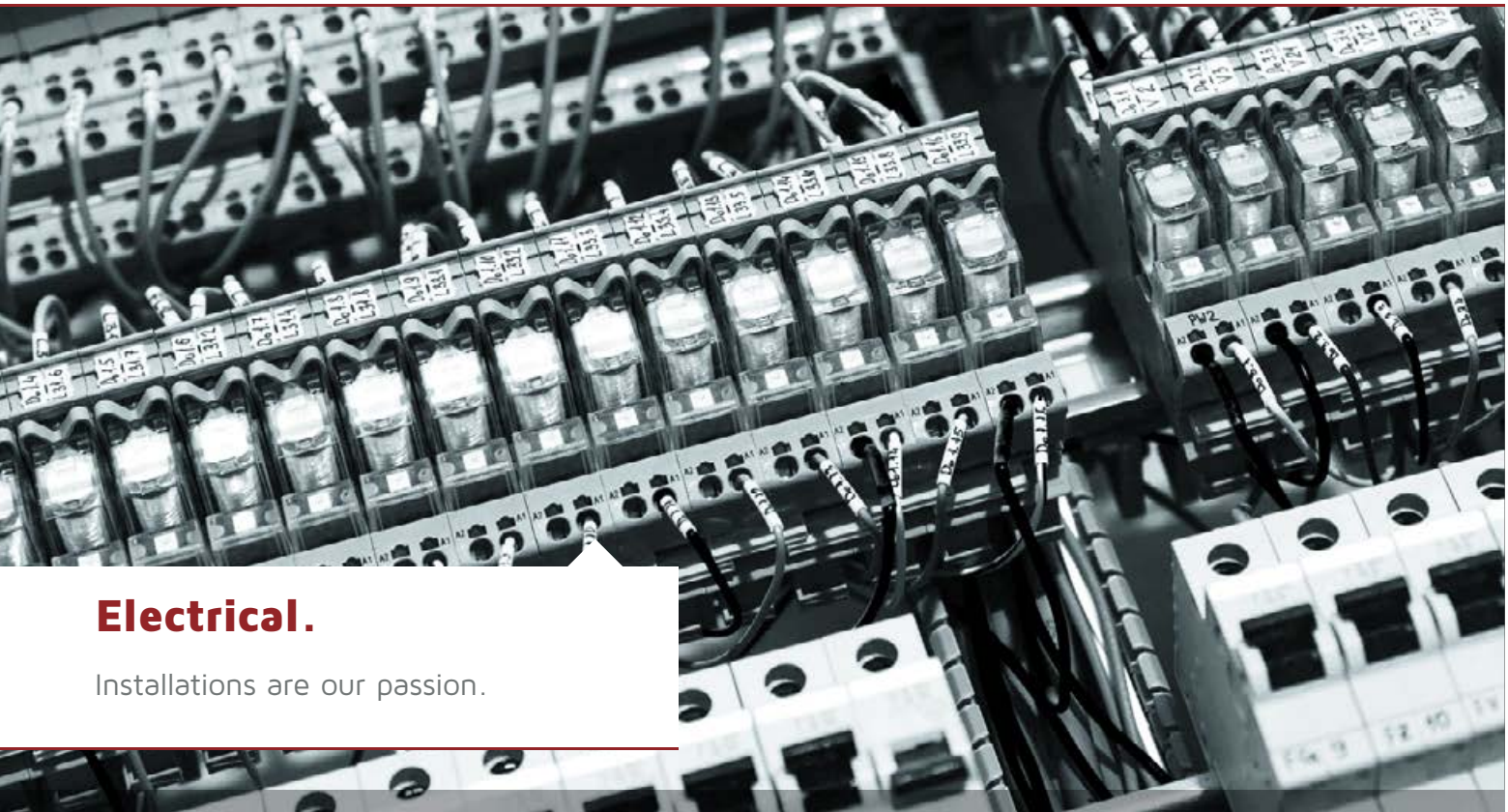


Retrofit

The target of each retrofit is to achieve a level of functionality in the facility that is equal to all modern standards with the highest safety norms as well as reaching cost effectiveness using modern and effective control technologies.



OUR PERFORMANCE PROFILE



Electrical.

Installations are our passion.

For further informations please scan the QR-codes.



Cable routings and protective conduit

The installation of the cable runs belongs to the most challenging in a power plant. Many years of experience of a specialist is necessary for this type of work. The reason: This kind of installation is significantly different to the usual industrial areas.



Cable laying

IFA has at its availability over a decade of experience in the laying of high voltage cables, I&C cables and network cables in nuclear power plants as well as normal power plants. Adherence to schedules distinguishes us.



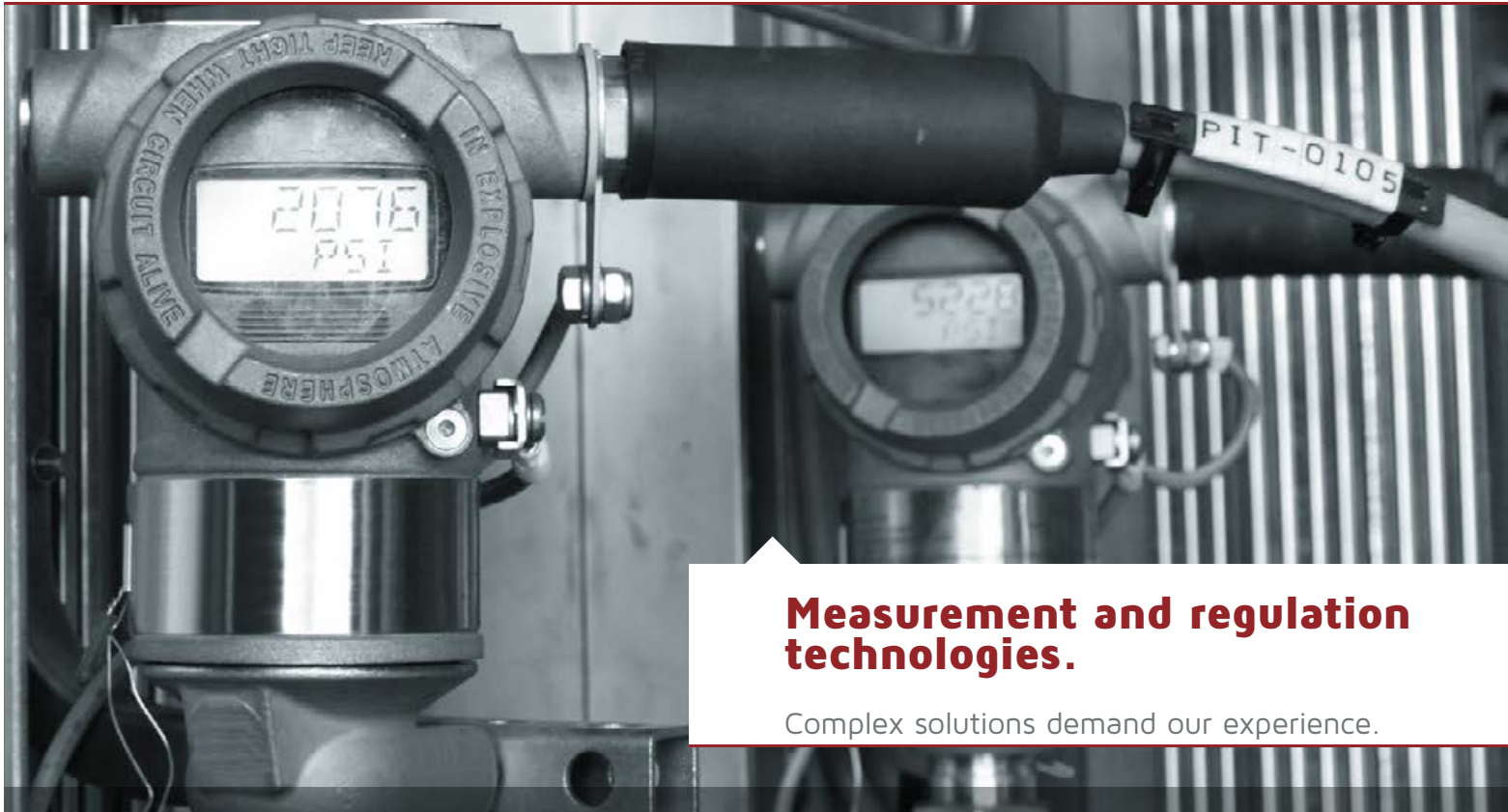
Cable connection and earthing

The connection of high voltage cables, I&C cables and network cables belongs to our daily business of our teams with many years of experience. Our topmost imperative beside our quality is to keep the dead-lines.



Mechanical testing and commissioning

IFA is specialized in testing the complete cabling as well as the technical functionality of the controls. It is necessary to test a cable to prevent a time lapse in the commissioning phase. The protocolling is also realized independently and reliably by IFA.



Measurement and regulation technologies.

Complex solutions demand our experience.



Primary measured value acquisition

The primary measured value acquisition in a power plant is one of the most important components. You connect the process with the I&C. Our company has many years of experience in the fitting of transmitters, pressure switches, manometers as well as the laying of measuring lines.



Cable routings and protective conduit

refer to page 6.



Cable laying

refer to page 6.



Cable connection and earthing

refer to page 6.



Mechanical testing and commissioning

refer to page 6.



OUR PERFORMANCE PROFILE



Electro technical testing.

IFA provides more.

For further informations please scan the QR-codes.



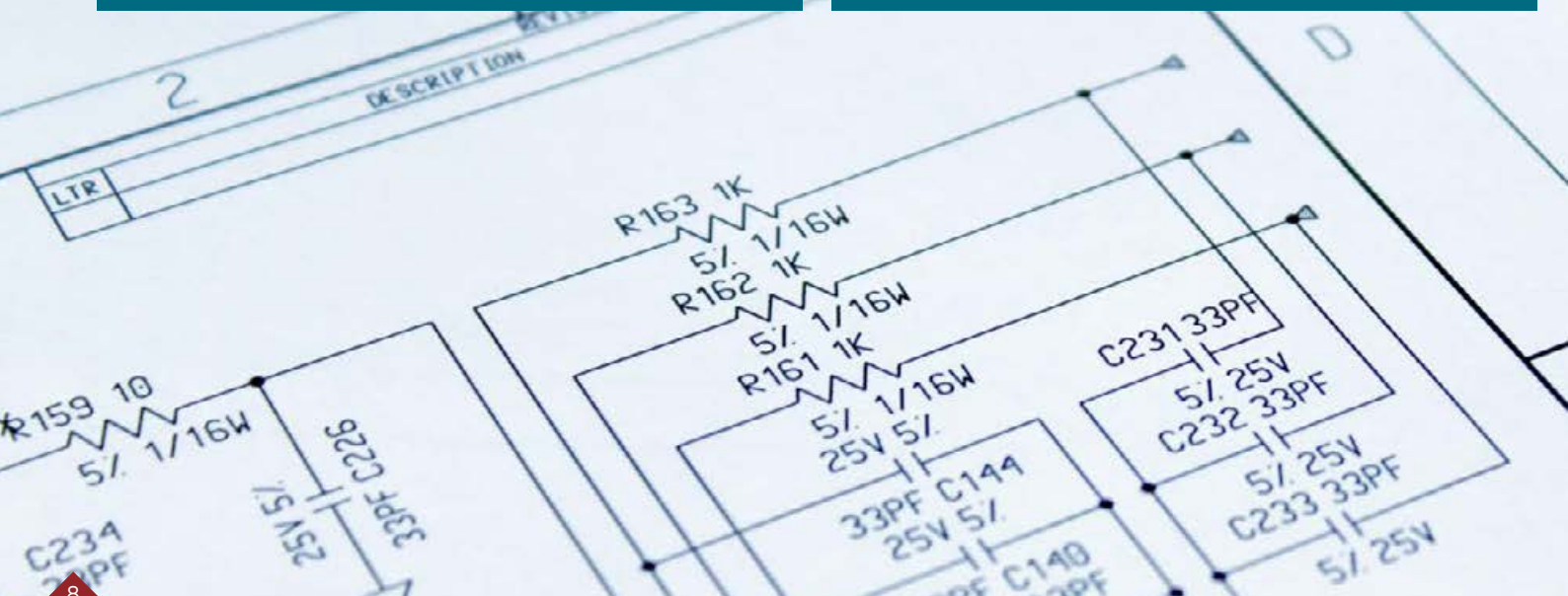
Electro technical testing

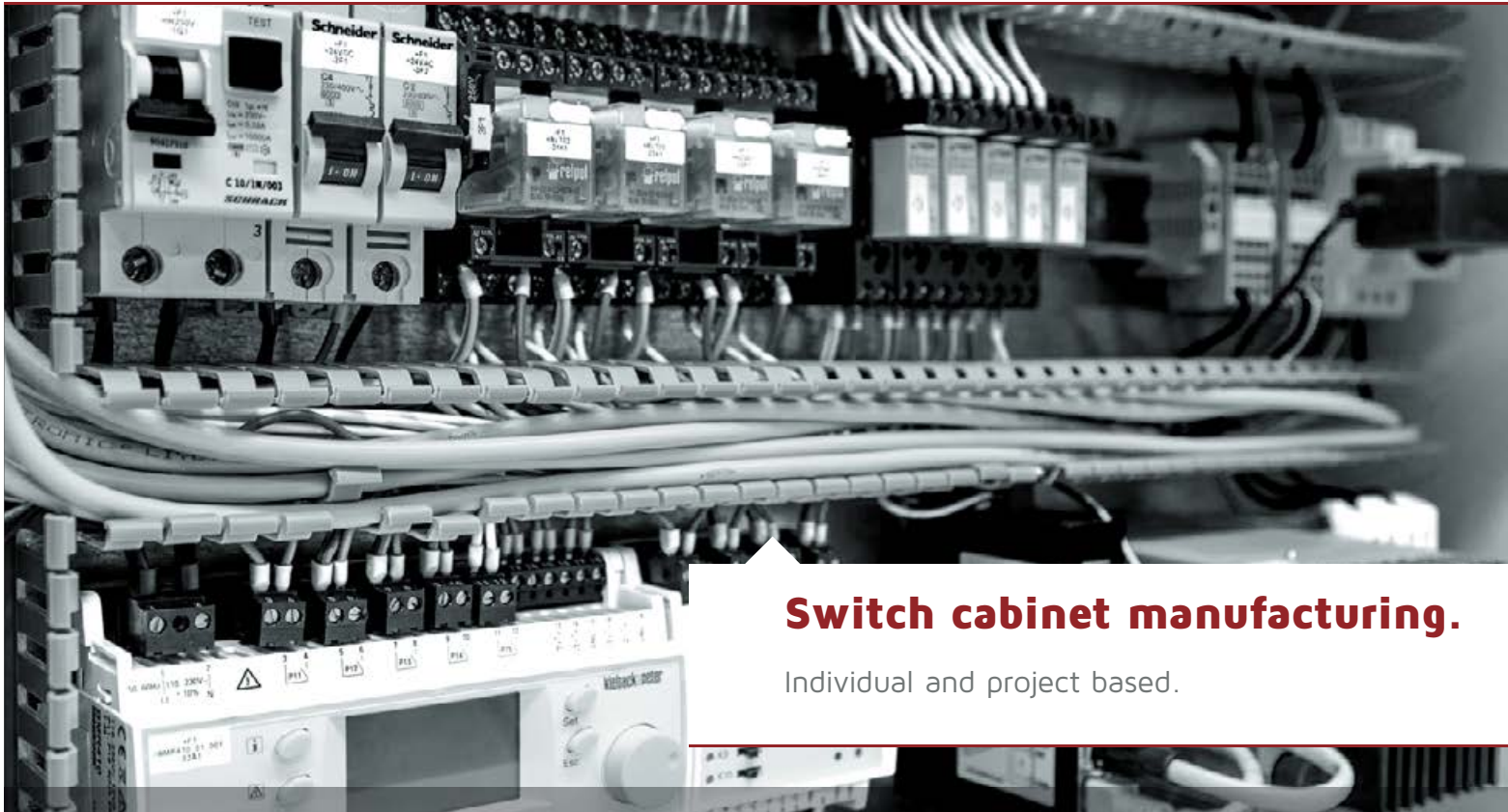
According to VDE and BGV A3 DGUV. The contractor carries the full responsibility to test the operating resources and the equipment for their correct condition.



Door test and gate test

Electrically steered doors and gates must be tested from the operator in frequent intervals from trained and for this special task accredited personnel. The sense behind this test is the diagnosis whether the safety equipment functions properly.





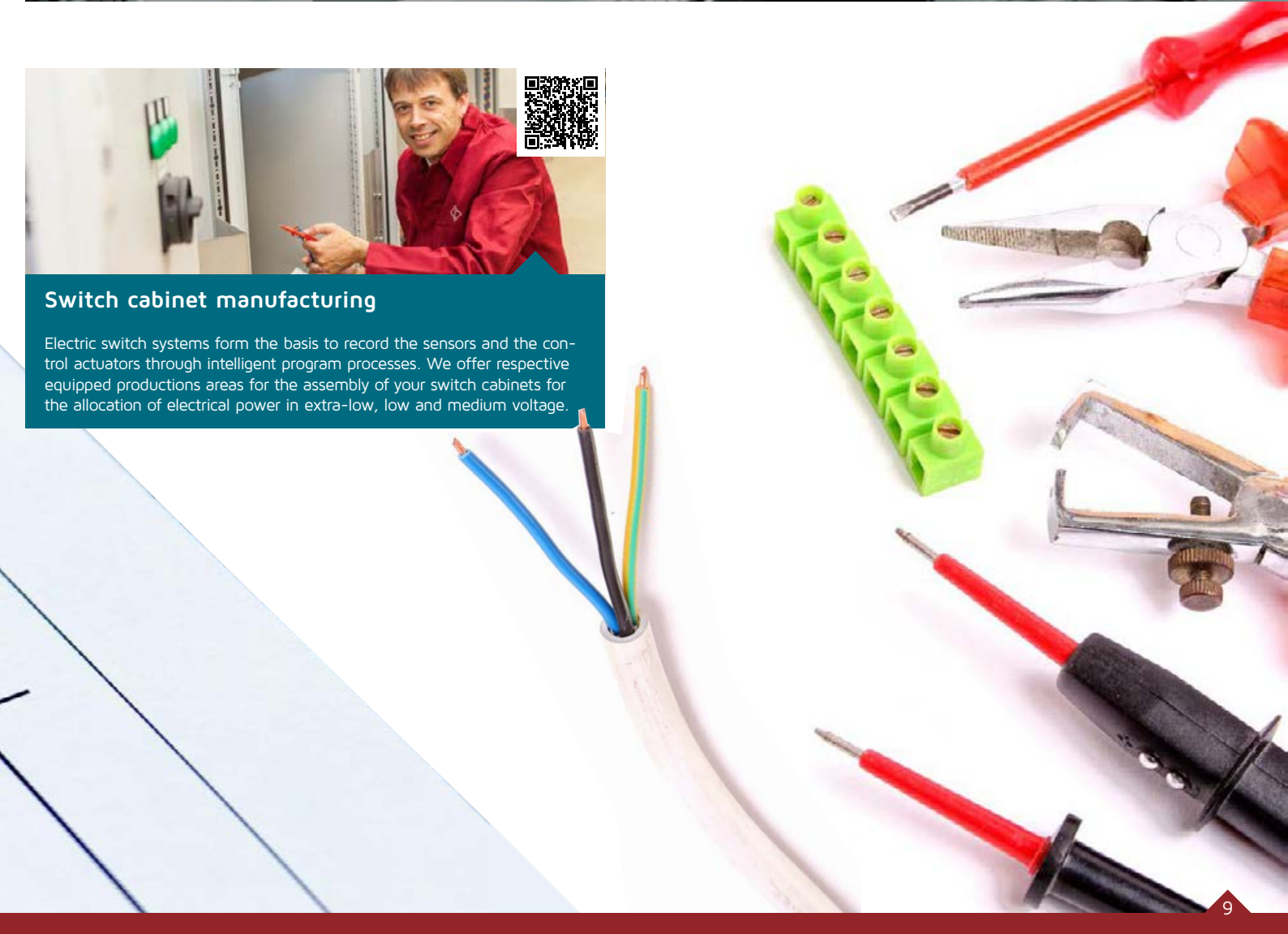
Switch cabinet manufacturing.

Individual and project based.



Switch cabinet manufacturing

Electric switch systems form the basis to record the sensors and the control actuators through intelligent program processes. We offer respective equipped productions areas for the assembly of your switch cabinets for the allocation of electrical power in extra-low, low and medium voltage.



OUR PERFORMANCE PROFILE



Planning.

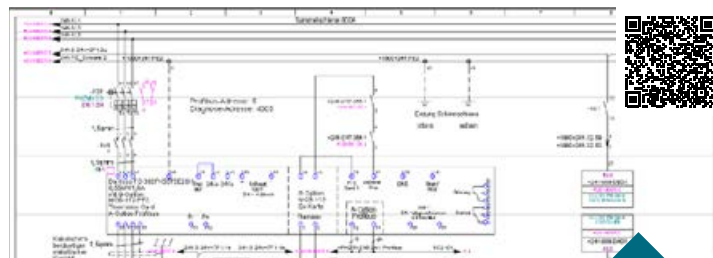
We plan, fit and commission.

For further informations please scan the QR-codes.



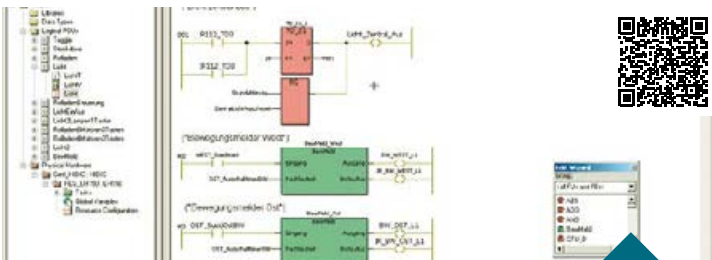
Technical Project Management

We are your contact person – the only one. We create tailored and comprehensive automating solutions with all our know-how as well as motivation and implement your requirements with the most modern technology and a clear cost structure.



CAD Construction and Engineering

The realization of the automation of a facility starts usually with the implementation of the electrical plans in the CAD system. This offers the basis for the necessary following steps of the implementation like purchasing of materials, construction of the switch cabinets, creation of the automation software.



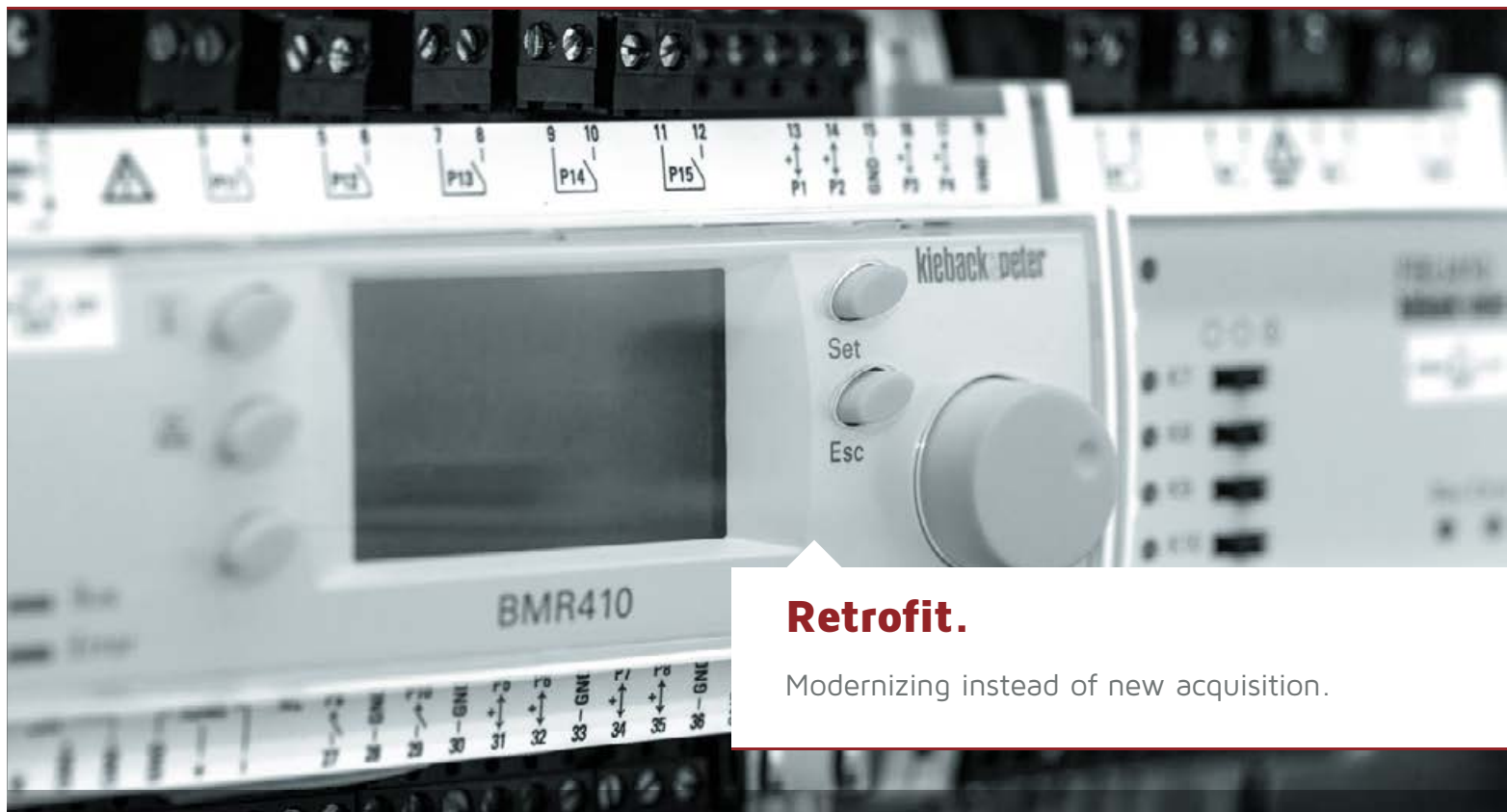
PLC Software

Intelligent, well-thought-out PLC software is the basis for a frictionless and service friendly process flow. We develop the best holistic software solutions for you. We align this to your automation requirements – to the different PLC systems and programmable platforms.



Process visualization

The user interface of a system or machine is the key element for the frictionless production workflow. Only if the user interface is designed simply, user friendly, ergonomic, and intuitively can the operator concentrate on the actual work.



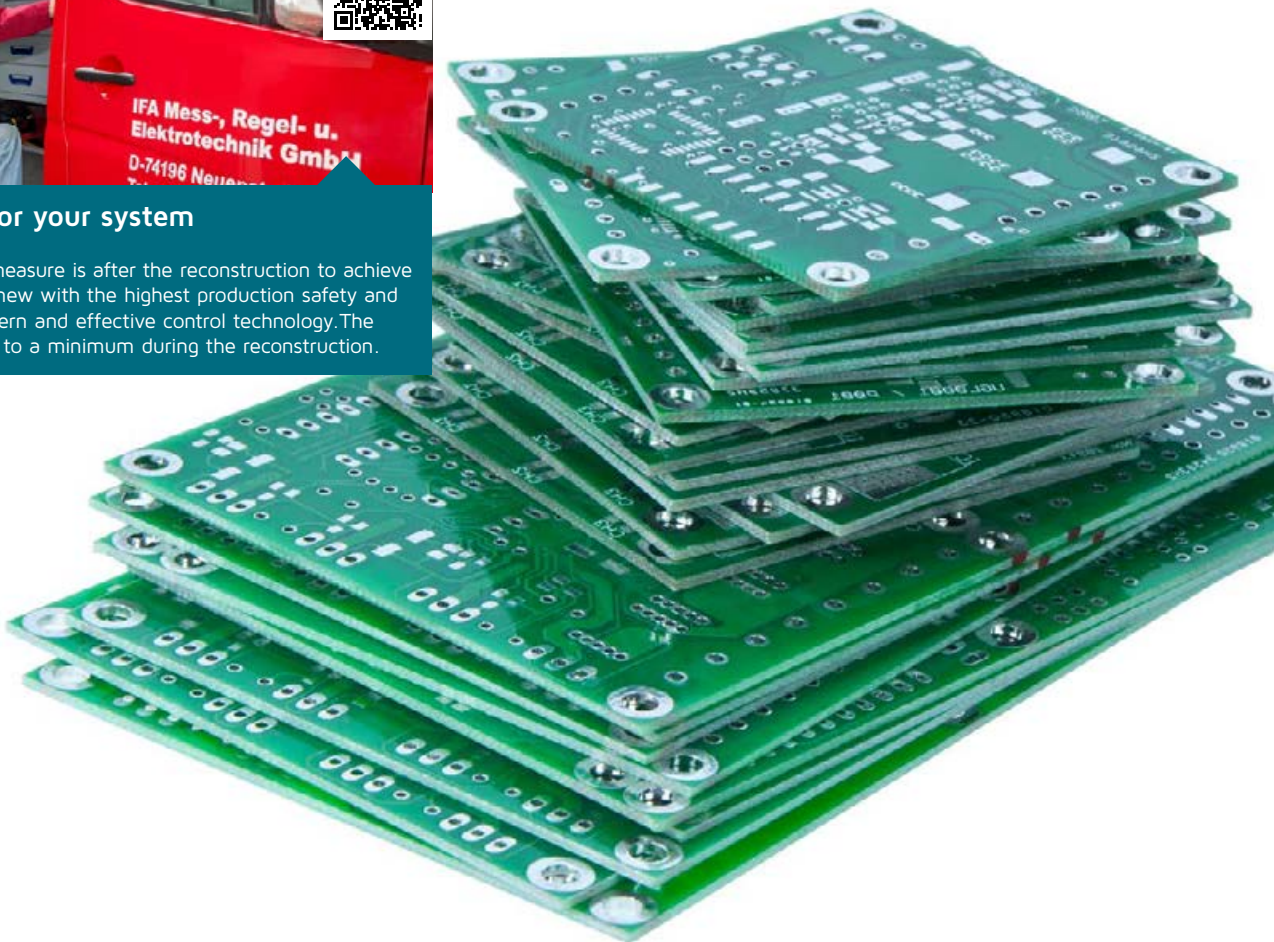
Retrofit.

Modernizing instead of new acquisition.



Facility makeover for your system

The target of each retrofit measure is after the reconstruction to achieve a facility that is as good as new with the highest production safety and cost reduction through modern and effective control technology. The shutdown period is reduced to a minimum during the reconstruction.





Nuclear Power Plant,
Oskarshamn, Sweden

Our clients and reference projects.

Your project is our aspiration.



PROCESSING INDUSTRIES

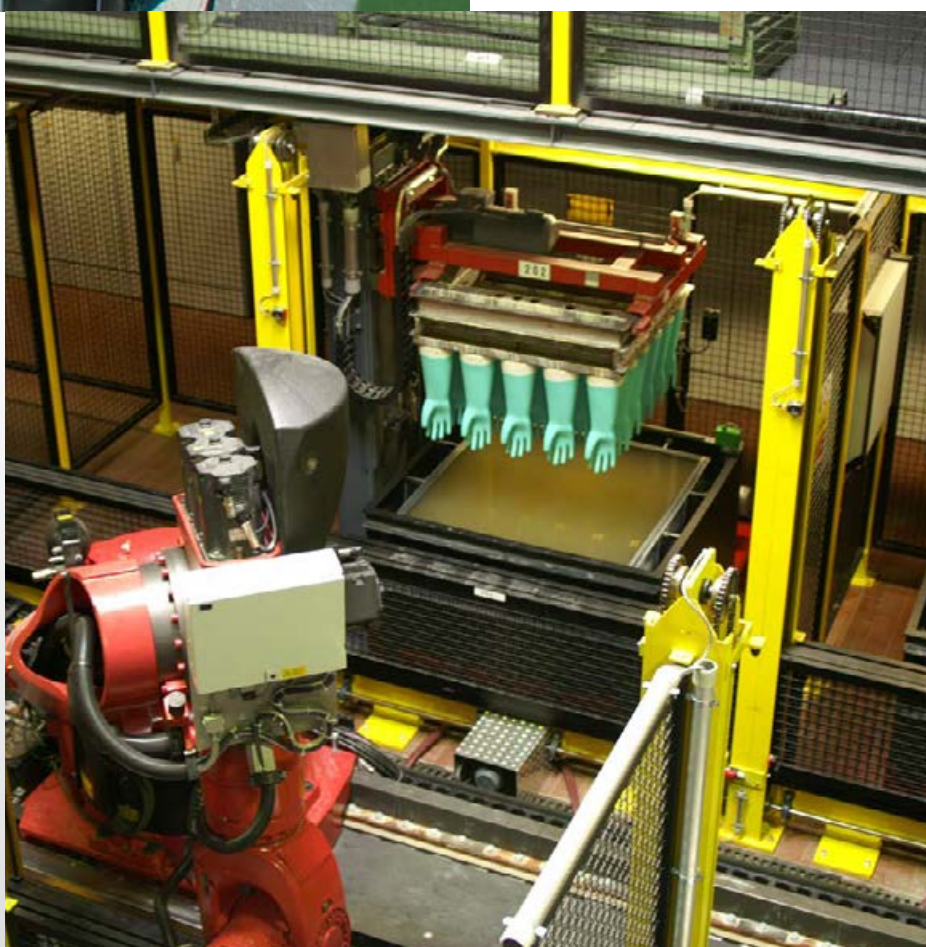
**Ground Water Sanitation
Prantner GmbH
Reutlingen, Germany**

The main business fields of the company Prantner GmbH are waste air purification, water purification and land reclamation. A ground water sanitation facility was installed in this project. We as reliably partner, have taken on and implemented some automation tasks.

PETROCHEMISTRY
& CHEMISTRY

**Protective Glove Production
KCL GmbH
Eichenzell, Germany**

2000 protective gloves are produced every day in the full automatic production at the company KCL GmbH in Eichenzell. The companies IFA and KCL worked closely together to achieve an optimization of the production by using intelligent order processing.



REFERENCES



PHARMACY AND FOOD INDUSTRY

Great demands

are made on the hygiene and the safeguarding of quality in the pharmaceutical and food industries. IFA plans and carries out projects according to GMP guidelines. Our experienced and trained staff plan and install suitable hygiene facilities for the food and beverage industries as well as the clean room installations for the pharmaceutical industry. The sensitive production data and their operation and company secrets which are usual in this industry are in safe and reliable hands.

NUCLEAR- AND CONVENTIONAL POWER PLANT

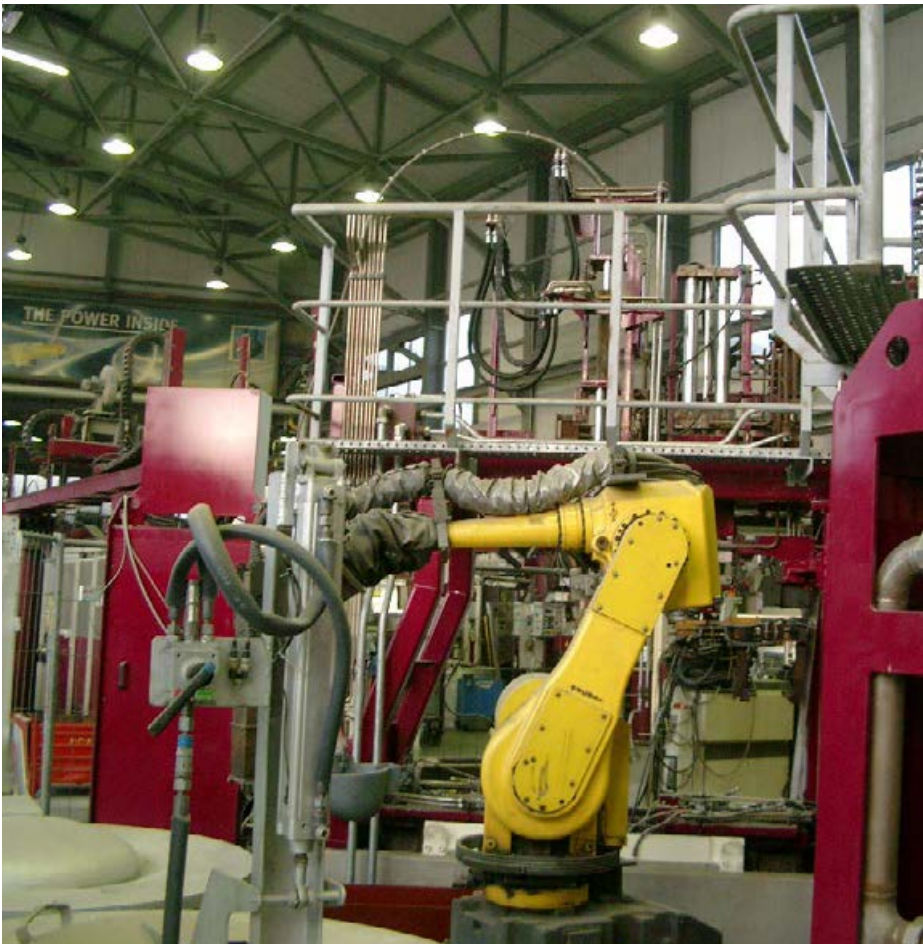
Nuclear Power Plant Leibstadt, Switzerland

The power plant in Leibstadt is located in the north of Switzerland. This nuclear power plant is one of the big five plants. The company IFA carried out the maintenance and testing of the control and safety technical equipment as well as working in the electro technical and I&C mounting.

Gas and Steam Power Plant Termoli, Italy

The gas and steam power plant is located on the Adriatic coast in Italy. IFA Mess-, Regel- und Elektrotechnik GmbH realized tasks in electro and I&C mounting.





MECHANICAL ENGINEERING AUTOMOTIVE

Piston Foundry KS Kolbenschmidt GmbH, Neckarsulm, Germany

IFA is a competent and long term partner of the company KS Kolbenschmidt GmbH in Neckarsulm who is operating worldwide in the automotive supplier industry. We bring our complete knowledge and our experience in the area of automation technologies to the production and development of pistons and cylinder blocks. IFA is a reliable partner when in cooperation with new investments or maintenance and repair of production.

INSTRUMENTATION AND CONTROL VENTILATION TECHNOLOGY

Ventilation Control Center South University of Vaihingen Vaihingen, Germany

Special requirements are put on the newest standards and regulations (e.g. fire protection regulations) in the case of automation of ventilation systems in public buildings. The most essential thing of a successful cooperation is the technical knowledge and being on schedule and within budget.



IFA

Your project is our aspiration.

www.keller-bremstedt.de

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Elektrotechnik GmbH**

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